

ABSTRACT

An application program provides a performance manager and an audio rendition manager to produce a rendition corresponding to an audio source. The performance manager receives audio data from the audio source and instantiates audio data processing components to process the audio data. The audio rendition manager receives the audio data from the performance manager and instantiates audio data processing components to further process the audio data, including a synthesizer component that generates audio sound wave data, and audio buffers that process the audio sound wave data. The audio data processing components are instantiated as objects having an interface that can be called by the application program. The application program requests a programming reference to an interface of an audio data processing component in the performance manager, or in the audio rendition manager, by calling an interface method of the performance manager or the audio rendition manager, respectively.